Inter. Jonal Application No PCT/US2004/020706

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 ·C07C309/82 C08F14/18 H01M8/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07C C08F H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

FPO-Internal REILSTEIN Data MPI Data PAR CHEM ARC Dat

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
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Y	Database accession no. 2004:20 abstract & CN 1 349 962 A (SHANGHAI INS ORGANIC CHEMISTRY) 22 May 2002 (2002-05-22)	5-8, 18-58		
Υ	WO 97/25369 A (BALLARD POWER S 17 July 1997 (1997-07-17) claims 8,9; example 6	5-8, 18-58		
X Furti	ner documents are tisted in the continuation of box C	χ Patent family members are listed	in annex	
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	December 2004	Date of mailing of the international search report 21/12/2004		
	Pauling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nt, Fax. (+31-70) 340-3016	Authorized officer English, R		

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